

AMENDMENTS TO THE ABSTRACT

Please amend the abstract as follows:

This ~~system~~ System in which the NOx trap-(1) is associated with ~~a~~ a catalyst-forming means (2) integrated in an exhaust line-(3) of a vehicle engine-(4), and in which the engine is associated with common manifold or "rail" fuel feeder ~~means~~ (7, 8) for feeding it with fuel and adapted, by modifying control parameters for the operation of the engine, to cause the engine to switch between lean mixture operation-(9) and rich mixture-(10), ~~is characterized in that~~ in that ~~in which~~ the fuel feeder ~~means~~ (7, 8) ~~are~~ is adapted to define three strategies (11, 12, 13) for controlling lean mixture operation of the engine (9), and ~~in that~~ in that the fuel feeder ~~means~~ (7, 8) ~~are~~ adapted to cause the engine to switch between its various strategies in order to keep the trap (1) in a temperature window of maximum effectiveness.